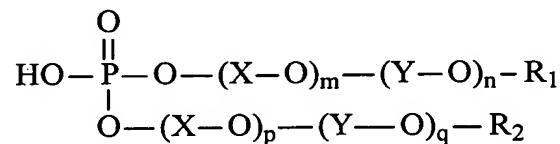


AMENDMENTS TO THE CLAIMS

Claim 1 (Previously Presented): A process for treatment of a mineral charge characterized in that said charge

a) is treated with at least one treatment agent with the general formula (1):



with R_1 = either H or alkyl with C_8 to C_{40} or aryl or alkylaryl or arylalkyl with C_6 to C_{40} ,

with R_2 = either alkyl with C_8 to C_{40} or aryl or alkylaryl or arylalkyl with C_6 to C_{40} ,

$\text{X} = -\text{CH}_2-\text{CH}_2-$ or $-\text{CH}(\text{CH}_3)-\text{CH}_2-$ or

$-\text{CH}_2-\text{CH}(\text{CH}_3)-$ or $-(\text{CH}_2)_5-\text{CO}-$,

$\text{Y} = -\text{CH}_2-\text{CH}_2-$ or $-\text{CH}(\text{CH}_3)-\text{CH}_2-$ or

$-\text{CH}_2-\text{CH}(\text{CH}_3)-$ or $-(\text{CH}_2)_5-\text{CO}-$,

X and Y being identical or different,

$(m + n)$ ranging from 0 to 60 (including limits) as well as $(p+q)$

with $0 \leq m + n \leq 60$ and $0 \leq p + q \leq 60$ when $\text{X} = \text{Y} = -\text{CH}_2-\text{CH}_2-$ and

with $(1 \leq m \leq 10 \text{ and } 1 \leq p \leq 10)$ and $(0 \leq n \leq 59 \text{ and } 0 \leq q \leq 59)$ when X is different from Y ; and

b) undergoes a deagglomeration stage.

Claim 2 (Previously Presented): The process according to claim 1, characterized in that said charge undergoes a further stage, a selection stage c) following deagglomeration stage b).

Claim 3 (Previously Presented): The process according to claim 1, characterized in that said treatment agent is a branched or linear C₈ to C₂₀ aliphatic alcohol acid phosphate on which there are condensed from 0 to 12 ethylene oxide motifs.

Claim 4 (Previously Presented): The process according to claim 3, characterized in that said treatment agent comprises a mixture of mono- and diesters.

Claim 5 (Currently Amended): The process according to claim 1, characterized in that said treatment agent is a mixture of decyl alcohol acid phosphate mono- and diester with 5 moles of ethylene oxide.

Claim 6 (Previously Presented): The process according to claim 1, characterized in that said treatment agent is tristyrylphenol acid phosphate monoester containing 60 moles of ethylene oxide.

Claim 7 (Previously Presented): The process according to claim 1, characterized in that said treatment agent is a mixture of ketostearyl alcohol acid phosphate mono- and diester.

Claim 8 (Previously Presented): The process according to claim 1, characterized in that said treatment agent is a mixture of nonylphenol acid phosphate mono- and diester containing 10 moles of ethylene oxide.

Claim 9 (Previously Presented): The process according to claim 1, characterized in that said treatment is performed by the dry method or by the wet method.

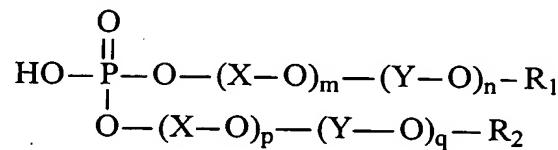
Claim 10 (Previously Presented): The process according to claim 1, characterized in that said charge is selected from among: natural or synthetic alkaline-earth carbonates, phosphates and sulfates, zinc carbonate, mixed salts of magnesium and calcium, dolomites, lime, magnesia, barium sulfate, calcium sulfates, magnesium and aluminum hydroxides, silica, willastonite, clays and other silico-aluminous materials, kaolins, silico-magnesians, talc, mica, solid or hollow glass balls, metal oxides, zinc oxides, iron oxides, titanium oxide and mixtures thereof.

Claim 11 (Previously Presented): The process according to claim 10, characterized in that said charge is selected from among: natural calcium carbonates selected from among chalk, calcite and marble, precipitated calcium carbonate, dolomite, aluminum or magnesium hydroxides, kaolin, talc, wollastonite and mixtures thereof.

Claims 12-34 (Canceled)

Claim 35 (Currently Amended): Flexible, semi-rigid or rigid polyurethane foams, characterized in that they incorporate ~~the a~~ treated mineral charge of claim 12 that is produced by a process wherein a mineral charge

a) is treated with at least one treatment agent of the general formula (1):



with R_1 = either H or alkyl with C_8 to C_{40} or aryl or alkylaryl or arylalkyl with C_6 to C_{40} ,

with R_2 = either alkyl with C_8 to C_{40} or aryl or alkylaryl or arylalkyl with C_6 to C_{40} ,

$\text{X} = -\text{CH}_2-\text{CH}_2-$ or $-\text{CH}(\text{CH}_3)-\text{CH}_2-$ or

$-\text{CH}_2-\text{CH}(\text{CH}_3)-$ or $-(\text{CH}_2)_5\text{CO}-$,

$\text{Y} = -\text{CH}_2-\text{CH}_2-$ or $-\text{CH}(\text{CH}_3)-\text{CH}_2-$ or

$-\text{CH}_2-\text{CH}(\text{CH}_3)-$ or $-(\text{CH}_2)_5\text{CO}-$,

X and Y being identical or different,

$(m+n)$ ranges from 0 to 60 (including limits) as well as $(p+q)$

with $0 \leq m+n \leq 60$ and $0 \leq p+q \leq 60$ when $\text{X} = \text{Y} = -\text{CH}_2-\text{CH}_2-$ and

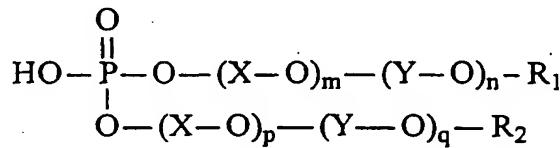
$(1 \leq m \leq 10$ and $1 \leq p \leq 10)$ and $(0 \leq n \leq 59$ and $0 \leq q \leq 59)$ when X is different from Y ;

b) undergoes a deagglomeration stage; and

c) optionally undergoes a selection stage.

Claim 36 (Currently Amended): Composite polyurethanes, characterized in that they incorporate the a treated mineral charge of claim 12 that is produced by a process wherein a mineral charge

a) is treated with at least one treatment agent of the general formula (1):



with R_1 = either H or alkyl with C_8 to C_{40} or aryl or alkylaryl or arylalkyl with C_6 to C_{40} ,

with R_2 = either alkyl with C_8 to C_{40} or aryl or alkylaryl or arylalkyl with C_6 to C_{40} ,

$\text{X} = -\text{CH}_2-\text{CH}_2-$ or $-\text{CH}(\text{CH}_3)-\text{CH}_2-$ or

$-\text{CH}_2-\text{CH}(\text{CH}_3)-$ or $-(\text{CH}_2)_5-\text{CO}-$,

$\text{Y} = -\text{CH}_2-\text{CH}_2-$ or $-\text{CH}(\text{CH}_3)-\text{CH}_2-$ or

$-\text{CH}_2-\text{CH}(\text{CH}_3)-$ or $-(\text{CH}_2)_5-\text{CO}-$,

X and Y being identical or different,

$(m+n)$ ranges from 0 to 60 (including limits) as well as $(p+q)$

with $0 \leq m+n \leq 60$ and $0 \leq p+q \leq 60$ when $\text{X} = \text{Y} = -\text{CH}_2-\text{CH}_2-$ and

with $(1 \leq m \leq 10$ and $1 \leq p \leq 10)$ and $(0 \leq n \leq 59$ and $0 \leq q \leq 59)$ when X is

different from Y ;

b) undergoes a deagglomeration stage; and

c) optionally undergoes a selection stage.

Claim 37 (Previously Presented): Molded or non-molded articles, characterized in that they are obtained from the foams of claim 35.